uTV™ guide

unitron™

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Your uTV™

Hearing healthcare professional: _____

_____

Telephone: _____

Serial number of uTV: _____

Warranty: _____

Date of purchase: _____

Overview of your uTV™

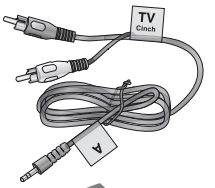
Congratulations on choosing the Unitron uTV. It expands the way you hear your world by wirelessly connecting your hearing instruments to your TV and other entertainment or communication devices. All sounds are transmitted in stereo sound, for full enjoyment of movies or other TV programs. Your hearing healthcare professional can program your hearing instruments so you can still hear conversation in the room while watching TV or listening to music. What's more, with uDirect you can switch to a phone call or have a conversation with a simple touch of a button. Please read this user guide to discover how easy it is to benefit from all the features of your uTV. For further information, please visit the Unitron website www.unitron.com.

Package contents

uDirect charging slot

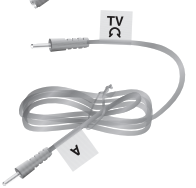
uTV

(h) Power supply with mini-USB plug (country specific)



(i) Audio cable for RCA/Cinch sockets

(j) SCART/Peritel adapter (EU only)

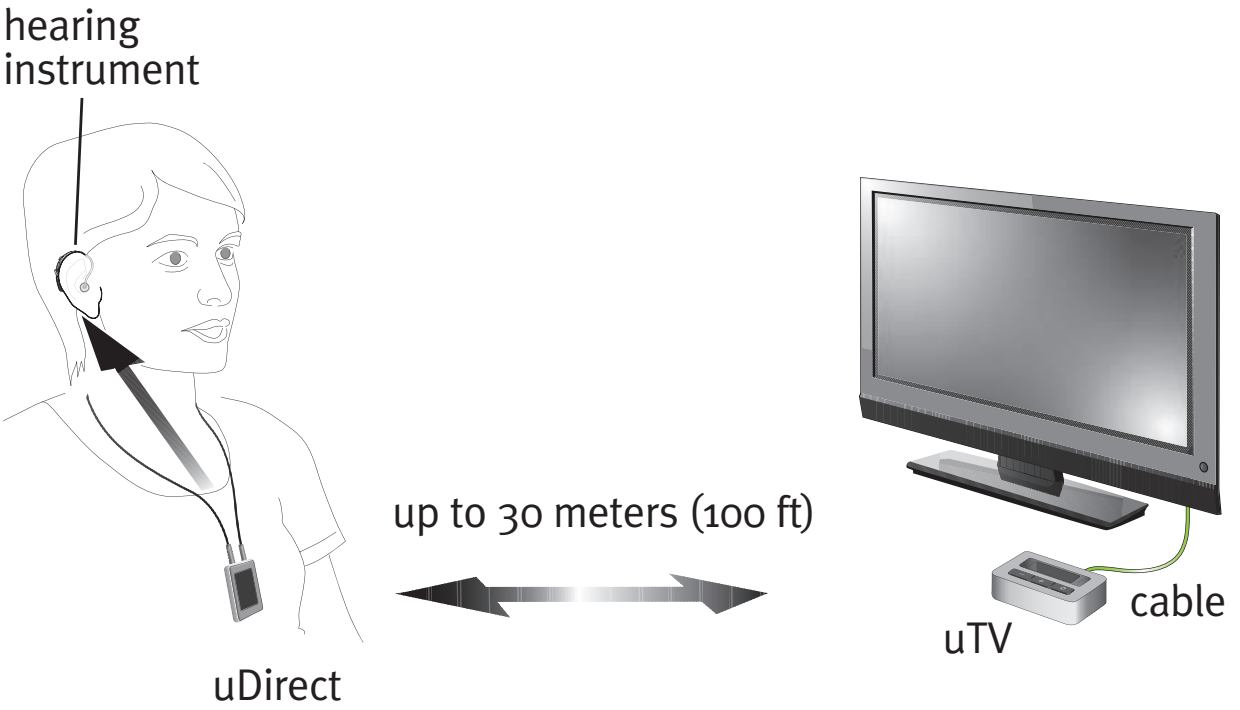


(k) Audio cable for 3.5 mm jack sockets

Note: please see your uDirect guide for complete information on the uDirect accessory.

uTV™ description

The Unitron uTV connects your hearing instruments wirelessly to your TV or other audio devices. The TV solution consists of three main elements: your hearing instruments, the uDirect accessory and the Unitron uTV.



Bluetooth® is a registered trademark owned by the Bluetooth SIG, Inc. and any use of such marks by Unitron is under license.

Other trademarks and trade names are those of their respective owners.

The uTV is connected to your TV (or any other audio source) and wirelessly sends audio signals from your TV to your uDirect within a range of up to 30 meters (100 ft). The uTV also serves as a charging cradle for uDirect when uDirect is not in use.

Legend

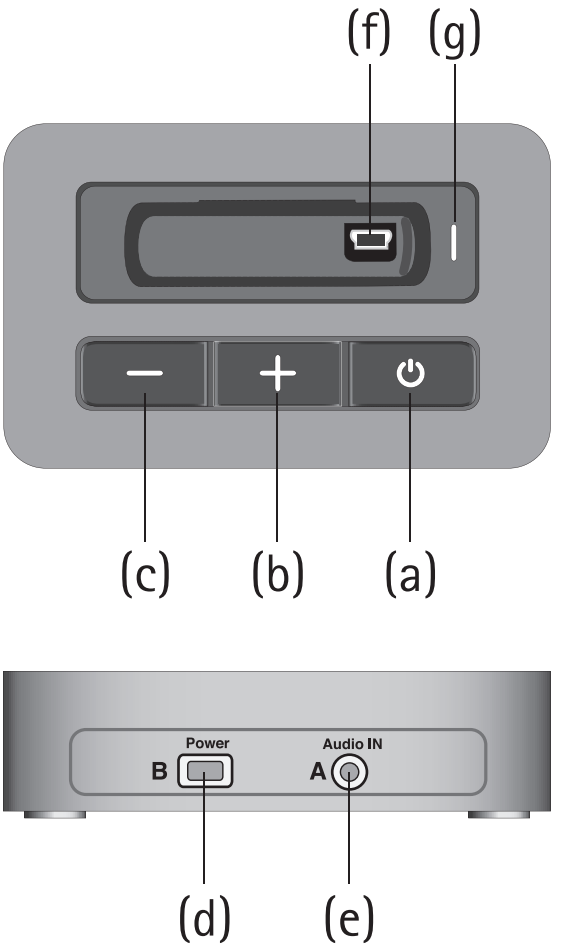
Buttons

(a) ON/OFF button
(b) Volume control (up)
(c) Volume control (down)

Inputs

(d) Power input (mini-USB)
(e) Audio input (3.5 mm jack)
(f) uDirect charging slot

(g) Status light

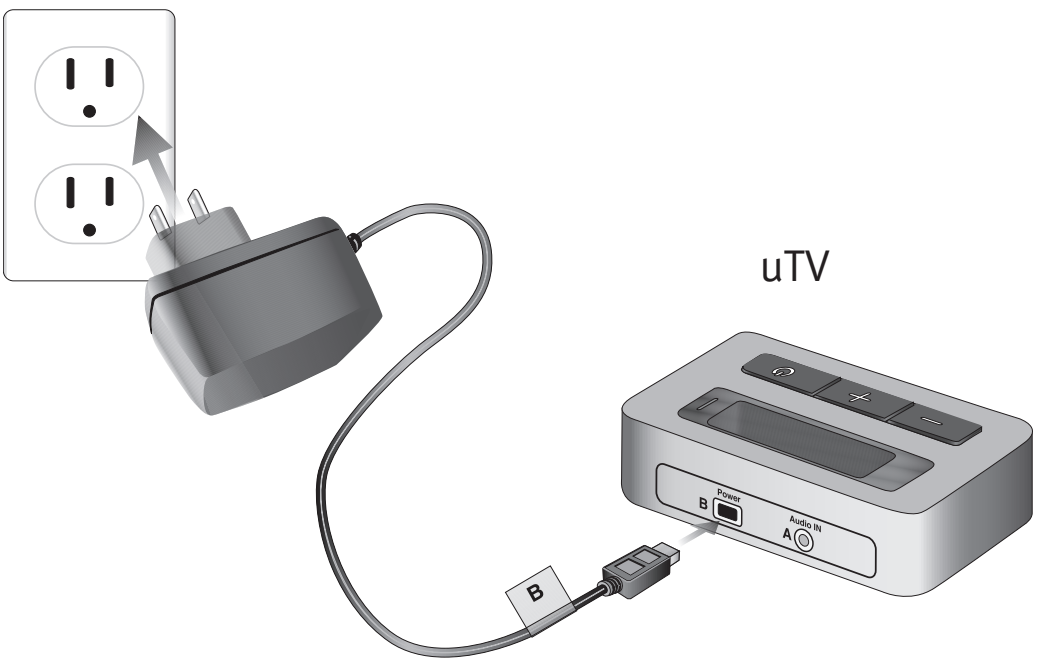


Installation

Step 1: Connecting the uTV

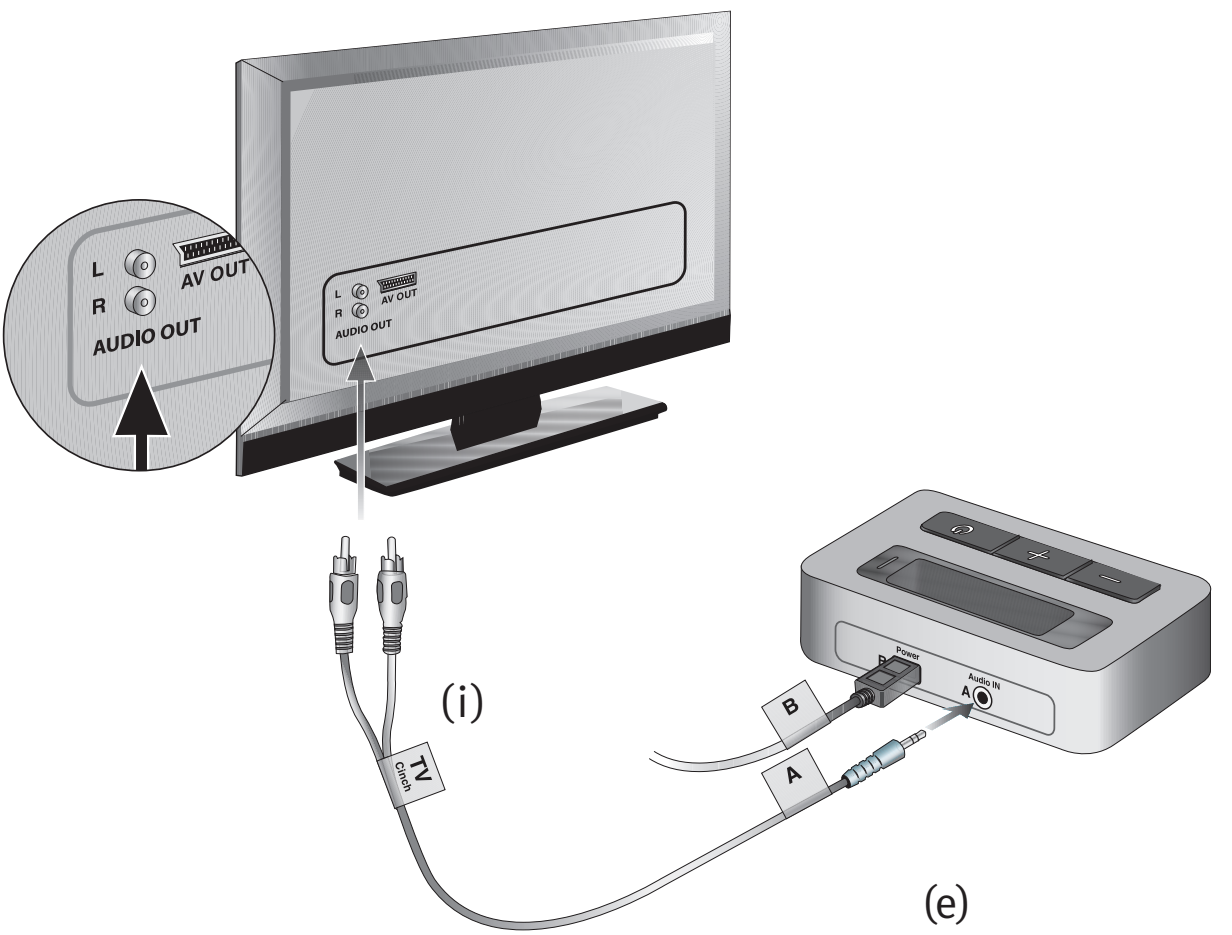
To connect the power supply (h):

Place the uTV next to your TV. Connect the mini-USB plug of the power supply to the power input (“Power”) of the uTV. Plug the power supply into the wall socket.



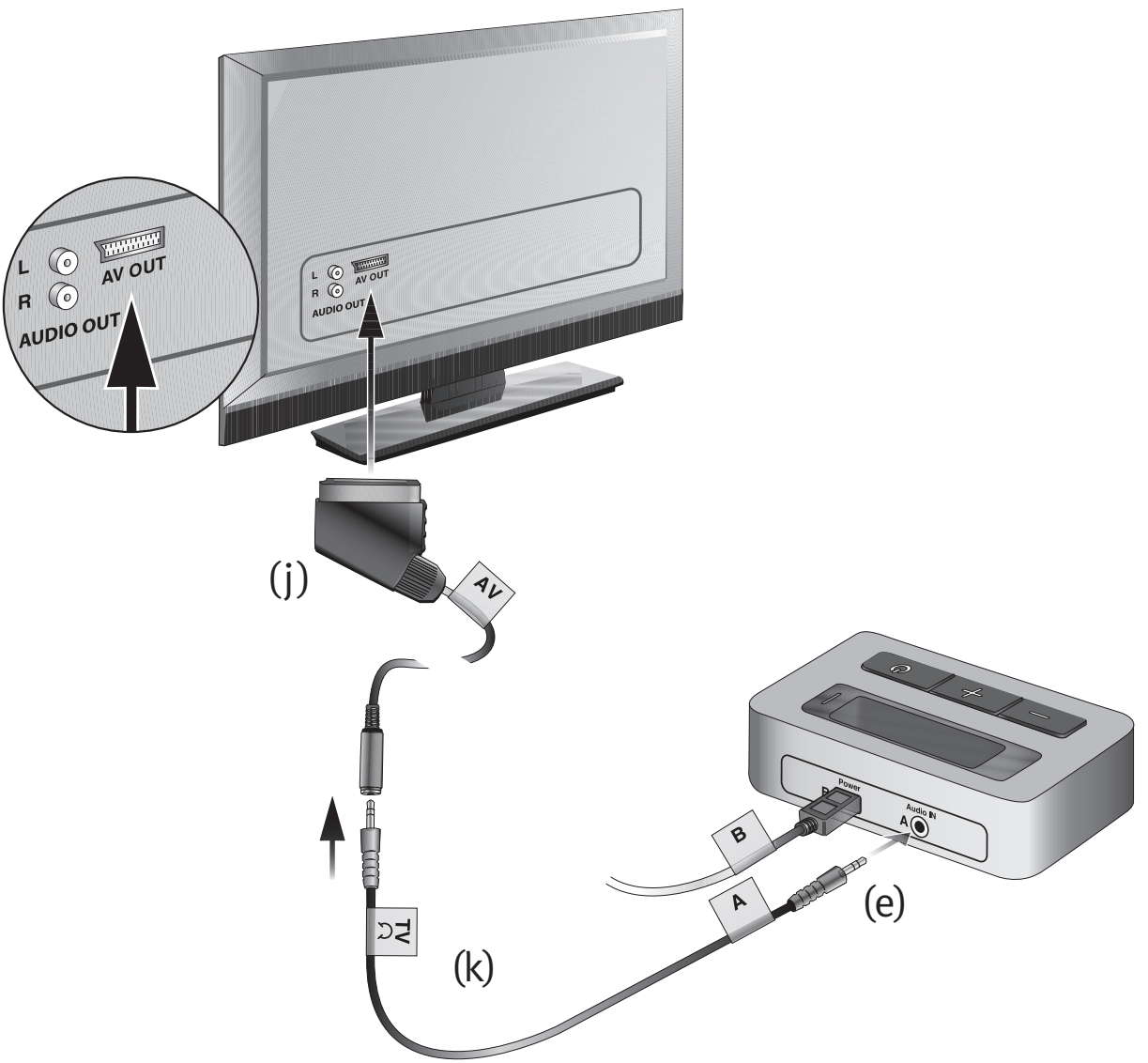
Use the RCA/Cinch cable (i) to connect the uTV to the TV:

Connect the 3.5 mm stereo plug to the audio input (“Audio IN”) of the uTV. Connect the red and white RCA/Cinch plugs to the matching red and white RCA/Cinch output sockets on your TV.



Optionally you may use the SCART adaptor (j):

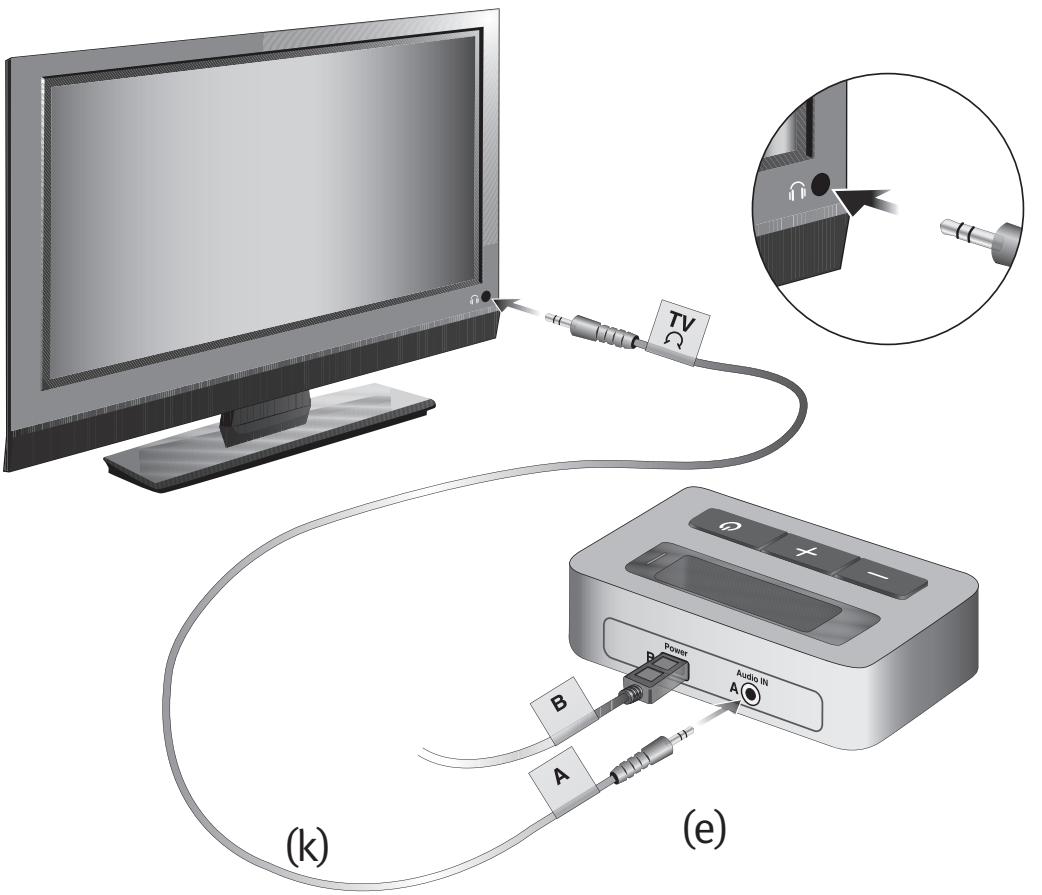
Plug one end of the audio cable **(k)** into the uTV and the other end into the SCART adaptor. Then plug the SCART adaptor into a free SCART output socket of your TV.



You can also connect your uTV to the 3.5 mm headset socket of your TV, using the 3.5 mm audio cable (k):

Connect the 3.5 mm stereo plug to the audio input of the uTV (“Audio IN”).

Plug the other end into the headset output socket of your TV.



When connecting the uTV to the 3.5 mm headset socket of your TV you are able to adjust the volume via your TV remote control.

Many TVs will switch off their loudspeakers when plugging the 3.5 mm jack into the headset socket – the TV will not be audible for other people. In such a case use the Cinch/RCA or SCART socket as described above. For further information on volume adjustment please refer to step 6 below. The Unitron uTV can also be connected to any other audio source such as an MP3 player, PC or home sound system using the stereo plug cable ***(k)****.*

Step 2: Switching on all devices

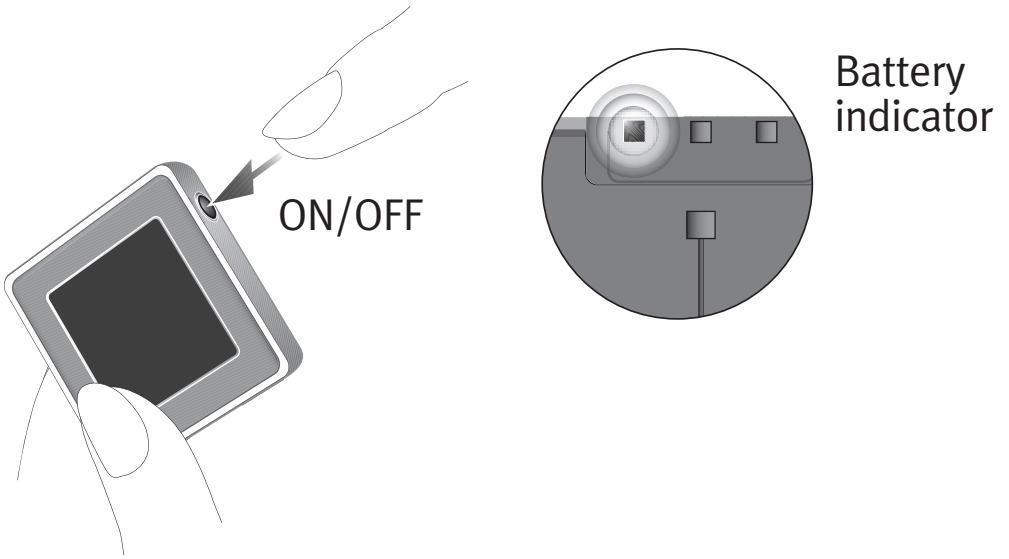


fig. 1

To use the uTV, all devices must to be switched on.

1. Switch on your TV or other audio source.
2. Make sure your hearing instruments are switched on and properly in place.
3. To turn ON your uDirect, press and hold the ON/OFF button as shown in fig. 1 for one second until you see the battery indicator illuminate.

4. Switch on the uTV by a short press of the ON/OFF button **(a)** as shown in fig. 2. The status light **(g)** will illuminate green initially and may switch to blue later.

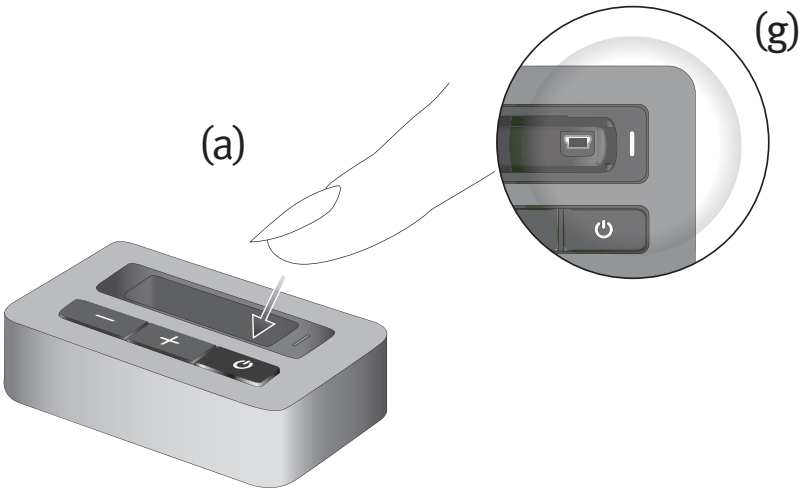


fig. 2

If the uDirect battery indicator is red or not illuminated at all, the uDirect battery level may be low. In this case please first charge the uDirect as described in step 9.

For a more detailed explanation of the colors displayed by the uDirect battery indicator please refer to the uDirect guide.

Step 3: Pairing uDirect and uTV

Before starting to use the uTV, it must be paired with your uDirect. The pairing procedure controls which Bluetooth devices are permitted to communicate with each other.

Make sure both devices are switched on as described in step 2.

*You do not need to insert uDirect into the uTV charging slot **(f)** during pairing.*

Pairing needs to be completed only once for each device you wish to use with your uDirect.

- Initiate the pairing process on your uDirect by pressing the Bluetooth pairing button for 2 seconds as shown in fig. 3 until the Bluetooth indicator is fast flashing blue. Your uDirect will remain in the pairing mode for two minutes or until the pairing is completed.

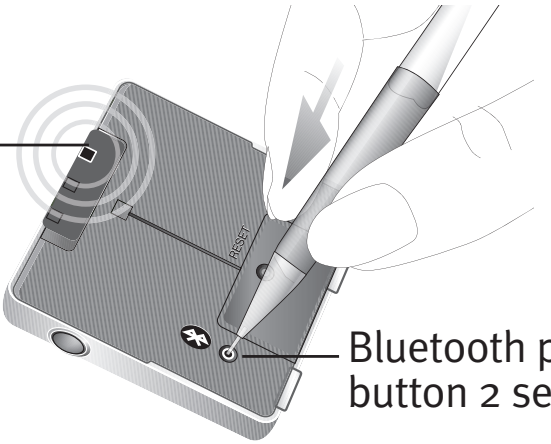


fig. 3

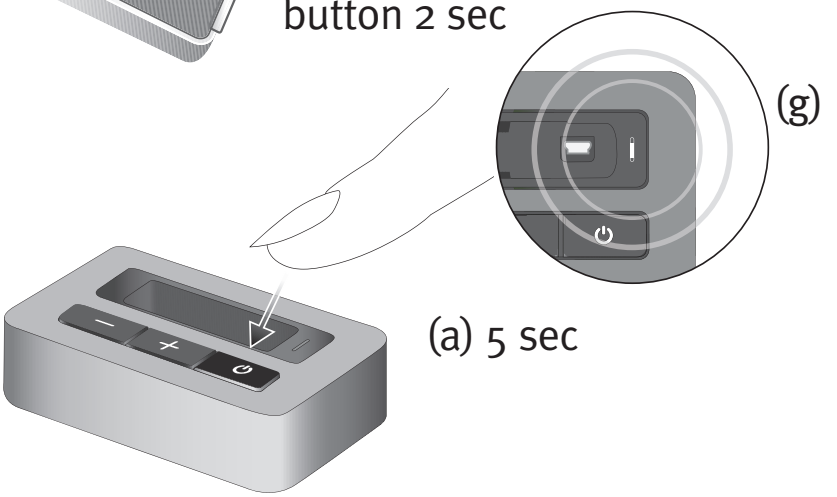


fig. 4

*If the uTV status light **(g)** is not flashing blue already, press the ON/OFF button **(a)** for 5 seconds until the Bluetooth indicator **(g)** is fast flashing blue as shown in fig 4.*

*Wait until both Bluetooth indicator lights, **(g)** turn solid blue. This can take up to 2 minutes but typically is done within a few seconds.*

Daily usage of the Unitron uTV™

First switch on devices as described in step 2.

Step 4: Wearing your uDirect

During operation uDirect must be worn around the neck:

- To place uDirect around the neck, you may need to unplug the neckloop plug as shown in fig. 5.

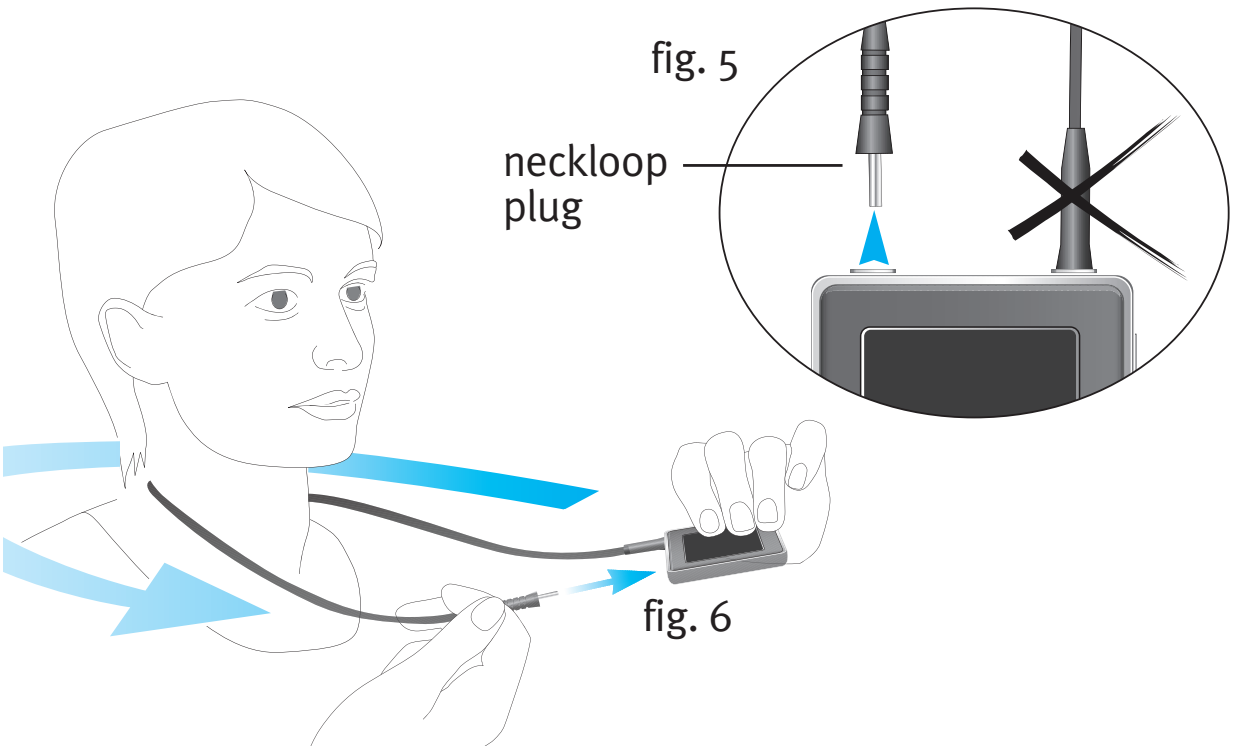


fig. 5

fig. 6

- Plug in the neckloop as shown in fig. 6. This will activate the built-in antenna and is necessary for the uDirect to communicate with your hearing instruments.

- After switching uDirect ON, it automatically recognizes your Unitron wireless hearing instruments.

In cases of interference with other hearing instruments, please contact your hearing healthcare professional.

Step 5: Listening to your TV

You will hear the sound of your TV directly in your hearing instruments.

If you cannot hear the sound of your TV through uTV please repeat steps 1 to 4.

The uTV system supports Bluetooth operation up to a range of 30 m (100 ft). Line-of-sight between your uDirect and the uTV is not required. However, interference in the environment by walls or furniture may reduce the operating range.

If the uDirect moves out of range of the uTV the wireless audio transmission will be terminated. If uDirect is then moved back into range of the uTV, it will automatically resume streaming to your hearing instruments.

It may take up to 10 seconds until the streaming resumes. Both the Bluetooth streaming light indicators on the uDirect and on the uTV (g) should be solid blue during streaming.

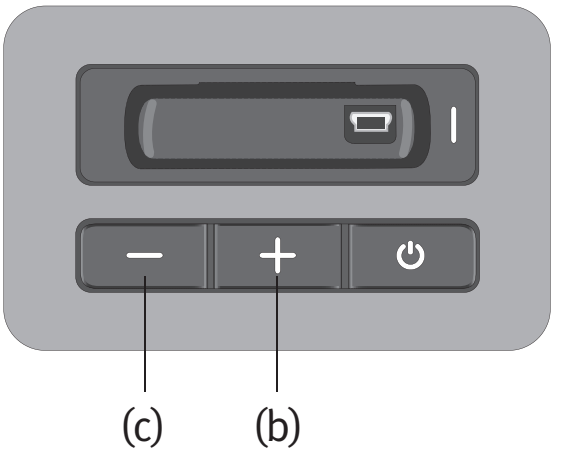
If the uTV status light **(g)**

- is green, make sure TV sound and uDirect are switched on.
- blinks blue, you are in paused mode. Press the uDirect main button **(b)** to resume streaming.

Step 6: Adjusting the volume of the TV signal

First, set the volume of the TV speakers at the level to suit other viewers.

- If the uTV is connected to your TV with the RCA/Cinch cable **(i)** or the SCART adaptor **(j)**, adjust the volume on the uTV by pressing the +/– volume control **(b)** and **(c)**. Depending on the model of your hearing instruments you may also control the volume directly from your hearing instruments.



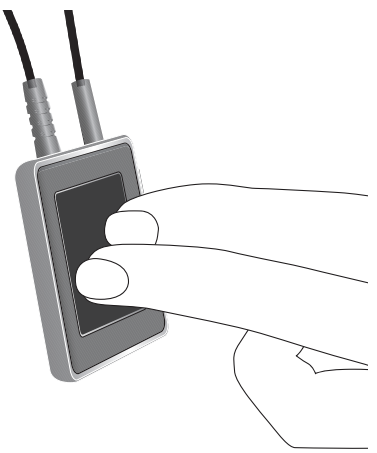
- If your uTV is connected to the headphone socket of your TV, you may also use your TV remote

control to adjust volume via the TV directly. Please refer to the TV user guide for more details on setting the TV volume.

If your TV is connected to a satellite receiver or a cable box, make sure the volumes of these additional devices are set to a medium level for best audio quality results.

Step 7: Pause and phone calls during operation

Access button



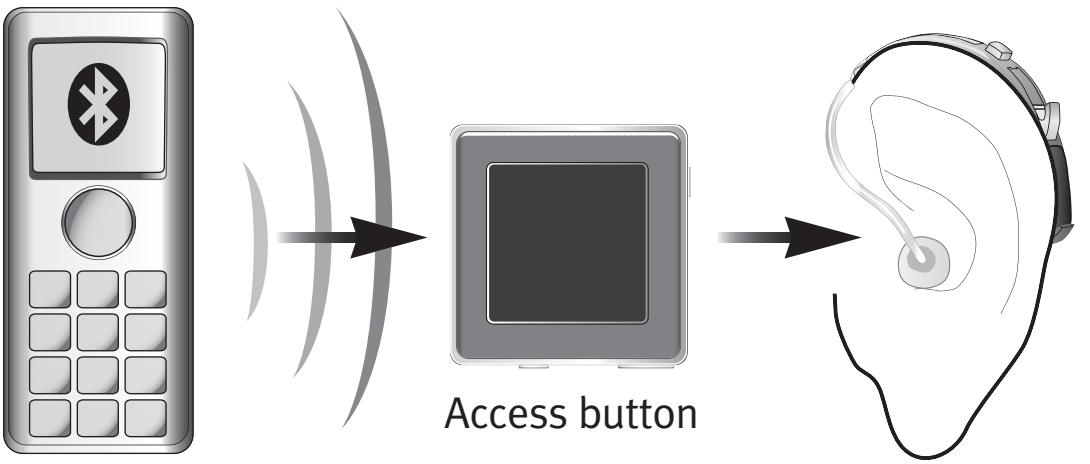
To pause the audio transmission from your TV, press the uDirect access button.

During pause:

- The Bluetooth indicators on both the uDirect and uTV **(g)** will blink blue on both devices.
- Your hearing instruments will switch back to the most recent hearing program.

To resume hearing your TV, press the uDirect access button again.

If you have paired uDirect with your mobile phone, you can still receive phone calls, even when watching TV via uTV. In the case of an incoming call, uDirect automatically stops transmitting the audio signal from your TV and sends the signal from your mobile phone to your hearing instruments.



To pick up a call, press the uDirect access button. To resume hearing your TV, press the access button again and the phone call will be ended.

To refuse a call, press and hold the uDirect access button for 2 seconds.

Please refer to the uDirect guide for pairing instructions of uDirect with the mobile phone or other entertainment and communication devices such as radios or personal computers.

Step 8: Switching off uTV and uDirect

To switch off the devices:

- To end the transmission of the TV audio signal, switch off the uTV by pressing the ON/OFF button **(a)** as shown in fig. 7.

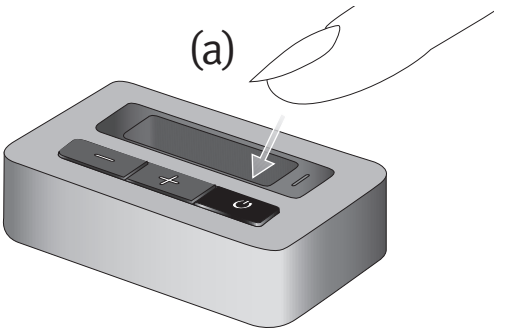


fig. 7

- If uDirect is not used for other purposes such as phone calls, switch it off by pressing the ON/OFF button for about two seconds as shown in fig. 8 until you see the battery indicator turn red.

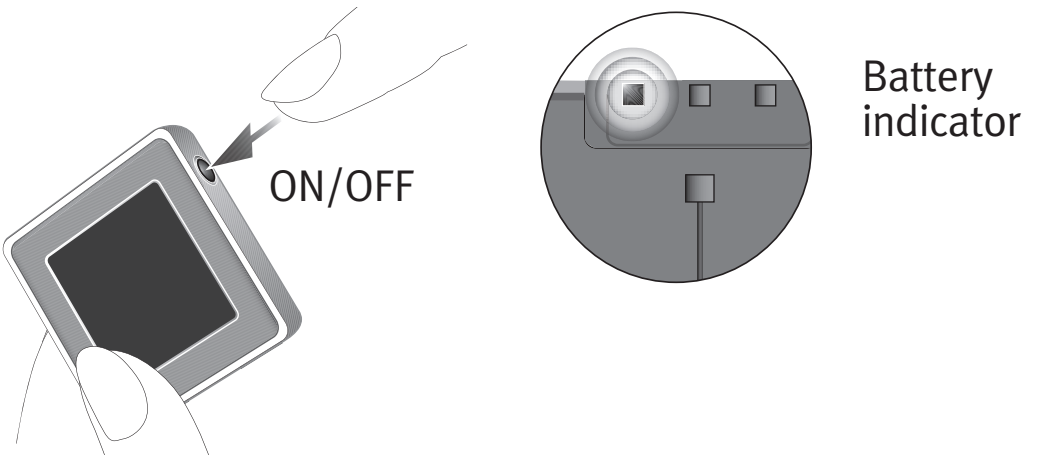


fig. 8

If no audio input is available, the uTV automatically stops the Bluetooth audio transmission to uDirect after 3 minutes. Its status light ***(g)*** *will turn solid green.*

Step 9: Charging uDirect™

To charge uDirect, place it into the charging slot **(f)** of the uTV as shown in fig. 9.

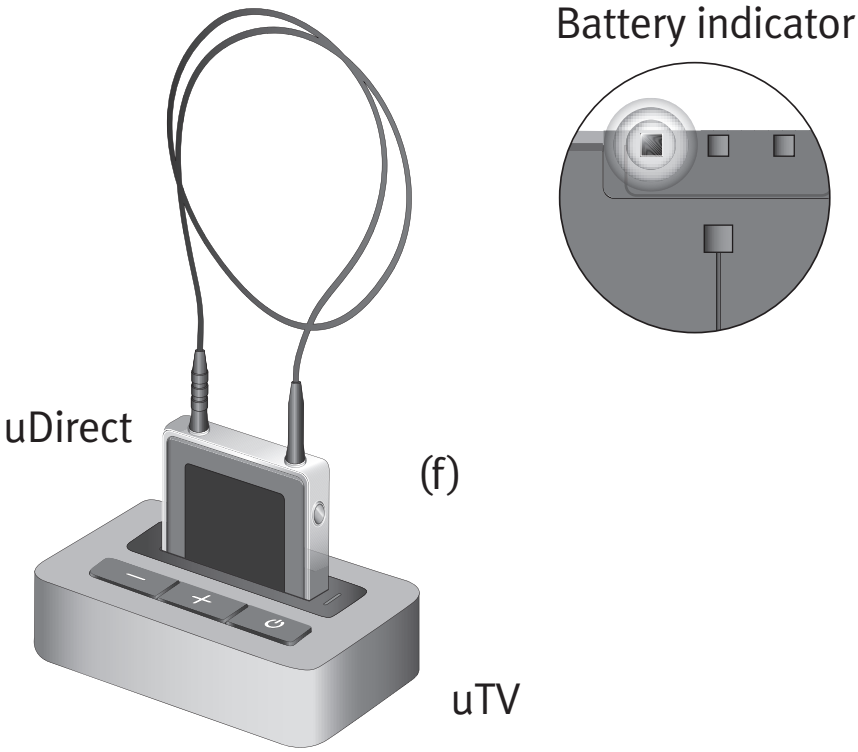


fig. 9

- The uDirect battery indicator will be yellow to show that uDirect is charging.
- The uTV can either be ON or OFF during charging. Its status light **(g)** does not indicate the charging process.
- Once the battery is fully charged, the uDirect battery indicator will turn green (typical time for full charge is 90 minutes).

- We recommend that the uDirect is switched off for charging.

When charging the uDirect for the first time, leave it charging for at least three hours, even if the battery indicator turns green earlier. After the initial charging, you may leave uDirect in the uDirect slot on the uTV for an unlimited time.

For safety reasons, recharge the battery only with chargers supplied by Unitron. If other chargers are used they must be USB certified (5.0 VDC / 500 mA).

Warnings

⚠ Please carefully read the warnings section in the uDirect guide.

⚠ Keep this device out of reach of children under 3 years.

⚠ Interference with medical devices. These Unitron devices use low-power, digitally coded transmission to communicate to your hearing instruments. Although unlikely, interference with medical devices such as pacemakers is possible. Therefore persons using medical devices such as pacemakers are not permitted to use this device.

⚠ Use only hearing instruments that have been specially programmed for you by your hearing healthcare professional.

⚠ Changes or modifications to any of the devices that were not explicitly approved by Unitron are not permitted.

⚠ External devices may only be connected if they have been tested in accordance with corresponding IECXXXXX standards. Only use accessories approved by Unitron.

Information on product safety

⚠ Turn off the uTV when not in use.

⚠ Always plug in the uDirect neckloop and wear it around the neck when transmitting signals to your hearing instruments.

⚠ Protect the device connectors, plugs, charging slot and power supply from dirt and debris.

⚠ Protect all devices from excessive moisture (bathing or swimming areas) and heat sources (radiator, TV top). Protect devices from excessive shock and vibration.

⚠ Clean devices using a damp cloth. Never use household cleaning products (washing powder, soap, etc.) or alcohol to clean them. Never use a microwave or other heating devices to dry any of the devices.

⚠ The digitally-coded, inductive transmission technology used in these devices is extremely reliable and experiences virtually no interference from other devices. It should be noted, however, that when operating the system near computer equipment, larger electronic installation or other

strong electromagnetic fields, it may be necessary to be at least 60 cm (24”) away from the interfering device to ensure proper operation.

⚠ X-ray radiation, CT or MRI scans may destroy or adversely affect the correct functioning of the devices.

⚠ Do not use these devices in areas where electronic equipment is prohibited.

⚠ Keep the uTV at least 30 cm (1 ft) from the body during operation.

Troubleshooting guide

Most probable cause	Remedy
None of the indicator lights on uDirect and uTV (g) turned solid blue	
• Devices are not turned on • uDirect and uTV are not paired	• Switch on devices as shown in step 2 • Repeat step 3
I see a rapidly flashing blue indicator light (g) on the uTV	
• uTV is in Bluetooth pairing mode	• Go to step 3
Only one of the blue indicator lights turned solid blue	
• One of the devices is connected to another Bluetooth device	• Make sure to switch off all other Bluetooth devices except uDirect and uTV
Both indicator lights on uDirect and uTV (g) are solid blue but I cannot hear the TV	
• uDirect is out of range of the hearing instruments • uDirect is not correctly programmed for your heairng instruments	• Wear uDirect around the neck and correctly secure the neckloop • Turn all devices OFF and ON again. Ask your hearing healthcare professional to regroup your uDirect and hearing instruments

Most probable cause	Remedy
I cannot hear the sound from the TV via uDirect	
• The devices are switched off	• Make sure all devices are switched on. See step 2
• The cables are not plugged in correctly	• Repeat step 1
• There is no audio signal on uTV. The light indicator (g) is green	• Make sure TV is not muted. Select a medium volume level on the TV set Make sure the audio cable uses an “OUT” port
• uTV is in pause mode	• Indicated by blue blinking status lights on both devices. A short press of the uDirect access button will un-pause and resume
• The distance between uDirect and the uTV is too great	• Bring devices closer to each other. 30 meters (100 ft) is the maximum in free field To avoid streaming interruptions, make sure you wear uDirect correctly and keep the Bluetooth device within the operating range

Most probable cause	Remedy
The volume during streaming is not comfortable (too low or too high)	
• The different TV audio sources have different output volumes	• If uTV is connected to the RCA/Cinch or the SCART socket of your TV, adjust the volume by using the +/– buttons of the uTV (b), (c) If the uTV is connected to the headset output of the TV, you alternatively may adjust the volume using the TV volume control Adjust volume of your satellite receiver or cable box Adjust the volume on the hearing instruments
After connecting the uTV, the TV loudspeaker is switched off	
• You have selected the headset output of the TV set	• Choose another audio output on your TV set such as RCA/Cinch or SCART

For any problems not listed in the guide, contact your hearing healthcare professional. If you do not have a hearing healthcare professional, please contact the nearest office listed on the back page of this booklet.

Declaration of Conformity

Hereby Unitron declares that this uTV meets the requirements of the Radio and Telecommunications Terminal Equipment Directive 1999/5/EC. The full text of the Declaration of Conformity can be obtained from the address below.

Manufacturer:
Unitron Hearing Ltd.
20 Beasley Drive, P.O. Box 9017,
Kitchener, ON N2G 4X1 Canada

This device complies with Part 15 of the FCC Rules and with RSS-210 of Industry Canada. Operation is subject to the following two conditions:

1) this device may not cause harmful interference, and

2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications made to this device not expressly approved by Unitron may void the FCC authorization to operate this device.

FCC/IC RF Radiation Exposure Statement

This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Unitron Distributors

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